

DEUREX® MF 5010

TECHNICAL INFORMATION

Chemical description:	Spherical, micronized Polyethylene wax modified with PTFE			
Applications:	Paints and coatings , like i.e. can-, wood-, industrial- and powder coatings			
Properties:	<ul style="list-style-type: none">• good rub resistance• very good lubricity properties• good heat durability• good solvents durability• higher PTFE content than DEUREX® MF 5710			
Advantages:	<ul style="list-style-type: none">• spherical particle shape made by DEUREX spraying technology• narrow particle size distribution• easy to disperse because of spherical particle shape• guaranteed maximum particle size			
Technical data:	Colour:	white		
	Form:	micro fine powder		
		Minimum	Maximum	Method
	Particle size*:		99% < 10 µm 50% < (6 µm)	LV 5 (ISO 13320-1)
	Melting point (wax):	105°C	110°C	LV 1
	Melting point (PTFE):	320 °C	340 °C	LV 1 (DIN EN ISO 3146)
	Penetration:	1,0 dmm	2,0 dmm	LV 4 (DIN 51579)
	Density (23°C):	0,92 g/cm³	0,94 g/cm³	LV 3 (DIN EN ISO 1183)
	<i>* part of certificate of analysis</i>			
Admissions:	Directive 2002/72/EC from 2002-08-06 BfR-recommendations (German) XXV. – Teil C Food and Drug Administration (FDA) §§ 175.250, 175.300, 176.105 (Admission by considering the limitations)			
Safety:	The product is no dangerous preparation, according to Directive 1999/45/EC, Article 2 (2) – see Material Safety Data Sheet.			

This datasheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties.